

PRIME DUO II

TRIM/TRIMLESS DOWNLIGHT SPECIFICATIONS



Job Information	
Project Name	
Type	
Location	
Quantity	
Date	

DESCRIPTION

The Prime DUO II Series features both trimmed and trim-less designs in multi-light configurations, offering higher power output than the less powerful Prime DUO family. Its directional lens ensures precise lighting, making it a preferred choice for showroom applications.

Highly used in commercial projects, the modular design allows mix-and-match color options—such as combining black and white within a single fixture—for added flexibility and style.

OVERVIEW

- Swiveling light heads for directional lighting
- Oval or square design
- CRI: 90+ for excellent color rendering
- UGR: <19 for low glare
- IP rating: IP20 (indoor use)
- Dimming options: TRIAC, 0–10V, DALI

PERFORMANCE

MODEL NAME	PRIME DUO II
POWER CONSUMPTION(±10%)	14-60W
INPUT VOLTAGE	100/277VAC
EFFICACY(4000K RA80)	85 LM/W
DIMMING	TRIAC/0-10V/DALI
CCT	2700/3000/3500/4000
CRI	+90
BEAM ANGLE	15°/24°/38°/50°
UGR LEVEL	<19
MOUNTING OPTIONS	TRIM/TRIMLESS RECESSED
SHAPE	OVAL/SQUARE
FINISH	POWDER COATING
FIXTURE COLOR	BLACK/WHITE
IP RATING	IP20
OPERATING TEMPERATURE	-30°C TO + 50°C(-22°F TO 122°F)
LIFE TIME OF LED @TA=25°C	50000 HRS LM80 ANSI/IES
WARRANTY	3 YEARS
APPLICATIONS	INDOORS

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PRODUCT ORDERING GUIDE

EXAMPLE: PRIME-DUO-II-TL-O-40W-120-3000-24-V-B-R

SERIES	TYPE	SHAPE	WATTAGE	VOLTAGE	CCT	BEAM ANGLE	DIMMING	FINISH	OPTIONS
PRIME-DUO-II	T: TRIM	S: SQUARE	14W	120: 120 VAC	2700	15	T: TRIAC	W: WHITE	R: ROUGH-
	TL: TRIMLESS	O: OVAL	40W	UNV: 110-277 VAC	3000	24	V: 0-10V	B: BLACK	IN PLATE
			60W		3500	38	D: DALI		
					4000	50			



FEATURES

► Optics

The design ensures high light transmittance, offering effective light control and anti-glare performance. Swiveling light heads can be used for directional lighting. Beam angles available in 15°, 24°, 38°, and 50°.

► Electrical

Voltage 100/277VAC

► Environment & Certifications

cETL listed for dry locations

► Warranty

3 years limited warranty

► Mounting

Recessed trim and trim-less options available.

► Finish

The powder-coated finish ensures a uniform appearance, offering long-term durability and superior aesthetics.

► Housing Material

Die-cast aluminum housing ensures durability and efficiency, with heat resistance polycarbonate lens.

► LED System

CRI With a 90+ color rendering index (CRI), this product delivers outstanding illumination, featuring tight chromatically specifications and a precise color binning process to ensure consistency in CRI and CCT.

CCT Available in 3CCT (3000K, 3500K, 4000K), 2700K, 5000K with excellent color consistency.

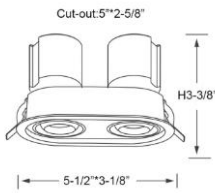
Thermal Management The aluminum housing serves as an efficient heat sink to maximize lifespan, maintaining heat sink temperatures between 60-70°C

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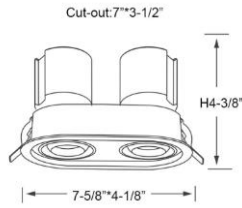
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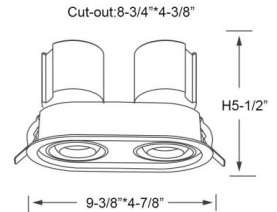
OVAL TRIM DIMENSIONS



2x7W

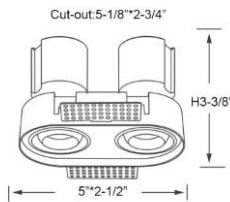


2x20W

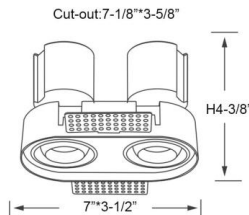


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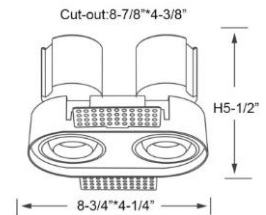
OVAL TRIMLESS DIMENSIONS



2x7W

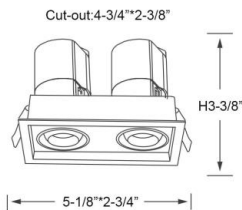


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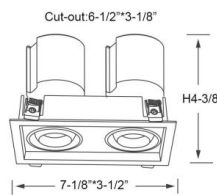


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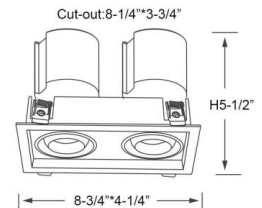
SQUARE TRIM DIMENSIONS



2x7W

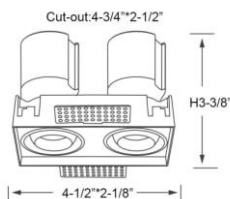


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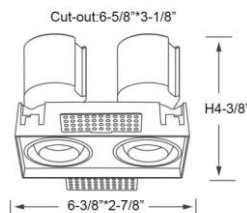


2x30W

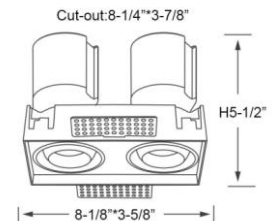
SQUARE TRIMLESS DIMENSIONS



2x7W



2x20W



2x30W